

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049711.D
 Acq On : 5 Jul 2018 14:24
 Operator : MD\SY
 Sample : VN0705WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0705WBS01

Manual Integrations
 APPROVED

sam
 7/6/2018 4:25:51 PM

Quant Time: Jul 05 16:29:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1170952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1724083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1534462	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	816107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	718523	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
35) Dibromofluoromethane	7.59	113	615432	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.09	98	2296266	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	12.40	95	790621	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	252629	19.144	ug/l	95
3) Chloromethane	2.06	50	328226	19.915	ug/l	99
4) Vinyl Chloride	2.18	62	362944	20.503	ug/l	100
5) Bromomethane	2.56	94	157951	16.987	ug/l	98
6) Chloroethane	2.70	64	231466	20.659	ug/l	99
7) Trichlorofluoromethane	3.01	101	474372	23.461	ug/l	98
8) Diethyl Ether	3.41	74	173853	21.212	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	300671	20.668	ug/l	100
10) Methyl Iodide	3.95	142	351140	19.287	ug/l	99
11) Tert butyl alcohol	4.80	59	114753	129.320	ug/l	98
12) 1,1-Dichloroethene	3.73	96	274066	19.927	ug/l	100
13) Acrolein	3.61	56	42901	51.759	ug/l	97
14) Allyl chloride	4.32	41	429014	22.709	ug/l	99
15) Acrylonitrile	4.99	53	528968	115.419	ug/l	99
16) Acetone	3.82	43	437139	137.157	ug/l	98
17) Carbon Disulfide	4.05	76	777640	20.330	ug/l	99
18) Methyl Acetate	4.33	43	299081	18.386	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	764998	21.577	ug/l	99
20) Methylene Chloride	4.55	84	340764	21.400	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	285670	20.182	ug/l	98
22) Diisopropyl ether	5.96	45	915060	21.409	ug/l	99
23) Vinyl Acetate	5.90	43	2870585	103.568	ug/l	99
24) 1,1-Dichloroethane	5.85	63	562097	20.875	ug/l	99
25) 2-Butanone	6.84	43	632234	123.157	ug/l	99
26) 2,2-Dichloropropane	6.82	77	461381	20.631	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	325969	20.616	ug/l	100
28) Bromochloromethane	7.20	49	233194	20.405	ug/l	98
29) Tetrahydrofuran	7.22	42	401388	122.676	ug/l	99
30) Chloroform	7.37	83	577098	21.025	ug/l	99
31) Cyclohexane	7.65	56	469497	19.895	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	487452	20.976	ug/l	99
36) 1,1-Dichloropropene	7.79	75	410840	21.181	ug/l	99
37) Ethyl Acetate	6.94	43	281520	24.883	ug/l	99
38) Carbon Tetrachloride	7.77	117	403171	21.367	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	423225	19.900	ug/l	96
40) Benzene	8.04	78	1283513	21.671	ug/l	100
41) Methacrylonitrile	7.18	41	138467	21.712	ug/l	97
42) 1,2-Dichloroethane	8.13	62	410716	21.729	ug/l	100
43) Isopropyl Acetate	8.17	43	533066	23.422	ug/l	99
44) Trichloroethene	8.84	130	366347	20.510	ug/l	98
45) 1,2-Dichloropropane	9.12	63	337275	22.041	ug/l	99
46) Dibromomethane	9.21	93	205963	22.248	ug/l	99
47) Bromodichloromethane	9.40	83	429478	21.793	ug/l	99
48) Methyl methacrylate	9.20	41	239042	23.777	ug/l	98
49) 1,4-Dioxane	9.20	88	68558	507.235	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1386445	124.991	ug/l	99
52) Toluene	10.16	92	776664	21.706	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	393158	20.835	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	465902	21.125	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	299624	22.489	ug/l	99
56) Ethyl methacrylate	10.43	69	362809	23.232	ug/l	98
57) 1,3-Dichloropropane	10.71	76	482690	22.343	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	688195	91.713	ug/l	100
59) 2-Hexanone	10.75	43	940228	128.186	ug/l	98
60) Dibromochloromethane	10.90	129	320912	22.286	ug/l	100
61) 1,2-Dibromoethane	11.01	107	282710	22.146	ug/l	97
64) Tetrachloroethene	10.63	164	420576	20.242	ug/l	99
65) Chlorobenzene	11.44	112	826784	20.655	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.51	131	304668	21.182	ug/l	98
67) Ethyl Benzene	11.51	91	1385009	20.931	ug/l	99
68) m/p-Xylenes	11.62	106	1105522	43.596	ug/l	100
69) o-Xylene	11.95	106	527150	21.713	ug/l	97
70) Styrene	11.97	104	848964	21.611	ug/l	100
71) Bromoform	12.13	173	214597	22.454	ug/l #	99
73) Isopropylbenzene	12.25	105	1368503	21.052	ug/l	100
74) N-amyl acetate	12.07	43	394562	22.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	349668	25.208	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	338677m	25.876	ug/l	
77) Bromobenzene	12.53	156	360179	20.376	ug/l	100
78) n-propylbenzene	12.59	91	1592579	21.376	ug/l	100
79) 2-Chlorotoluene	12.68	91	974550	20.668	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1176081	21.771	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	71985	18.680	ug/l	91
82) 4-Chlorotoluene	12.77	91	976225	20.591	ug/l	99
83) tert-Butylbenzene	13.00	119	979441	21.107	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1205569	21.719	ug/l	99
85) sec-Butylbenzene	13.17	105	1312200	21.343	ug/l	100
86) p-Isopropyltoluene	13.29	119	1147265	21.543	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	644640	21.211	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	606886	20.379	ug/l	98
89) n-Butylbenzene	13.62	91	886583	19.446	ug/l	99
90) Hexachloroethane	13.88	117	132273	23.646	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	635480	21.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	55982	24.158	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	258691	18.780	ug/l	99
94) Hexachlorobutadiene	15.01	225	193896	21.078	ug/l	99
95) Naphthalene	15.14	128	521875	18.514	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	268089	19.804	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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